

- 1) At the site visit I saw that the Applied Fire Proofing on Column E.8/6 had an area that was removed. Will this need to be patched? **Yes**
- 2) There is an existing brick ledge on the Foundation wall to the south of Column line E.8. Is that Ledge to remain or does it need to be removed? **Ledge to remain. New metal stud walls should run in front of brick ledge.**
- 3) How far below grade is the existing Duct Bank? **Approx 4-5 feet below grade.**
- 4) How thick is the Existing Concrete pad for the Pad Mounted Transformer? **Approx 6 inches thick**
- 5) Does the Existing Structural Metal Deck Ceiling need to be Fire Proofed? **No, existing composite slab is sufficiently fire-rated.**
- 6) What is the use of the existing space in Room 49? **All work to be done in Crawl Space below Room 49. Refer to Sequence of Construction on Sheet E5.**
- 7) On Sheet S101 Key Note #3 Patching the Existing Wall. It was noticed that there is a similar condition on the same wall to the west. Please advise if this area should also be patched. **Yes, patch all areas of similar condition.**
- 8) Please verify that Seismic restraints are not required for the plumbing & mechanical (HVAC) systems. **Seismic restraints are not needed for B210 GFCW project.**
- 9) The door schedule calls for door 24A & 24B (restroom doors) to be 60 min. rated, but the hardware schedule have push/pull hardware. Doesn't the door have to be 60 min rated?

Doors should be C label 45 min doors. Please see below for new hardware sets Doors 24A and B:

For use on door #(s): Hardware Group No. 8

24A 24B

Provide each SGL door(s) with the following:

Qty		Description	Catalog Number	Finish
3	EA	HINGE	A8112	652
1	EA	PASSAGE SET	F75	626AM
1	EA	SURFACE CLOSER	C05011/C05041 PT-4A, PT-4C, PT-4D, PT-4H	689
1	EA	KICK PLATE	J102	US32D
1	EA	MOP PLATE	J103	US32D
1	EA	FLOOR STOP	L12141	626
1	EA	SEALS	ROE154	BRN

10) In Bid III (Alternate Deduct II), "the installation of doors, door Hardware, ..."

The metal frames are to be installed. Is this correct? **Correct. The deduct does not include the frames. They will need to be installed.**

The windows are to be installed with glass. Is this correct? **Correct. The deduct does not include the windows. They will need to be installed.**

The restroom doors are to be credited in this alternate and no finishes in restrooms. Is this correct? **No. As indicated in the plans, these doors are excluded from the deduct alternate.**

11) Specification 23 31 00 – 8 HVAC Duct and Casings Part 3 Execution 3. 1 Installation;

Protection and cleaning: Adequately protect equipment and materials against physical damage. Place equipment in first class condition, or return to source of supply for repair or replacement, as determined by COTR. Protect equipment and ducts during construction against entry of foreign matter to the inside and clean both inside and outside before operation and painting.

When new ducts are connected to existing ductwork, clean both new and existing ductwork by mopping and vacuum inside and outside before operation.

Question: if we are required to clean new and existing ducts when new ducts are connected to existing, please clarify how much of the existing ductwork needs to be cleaned by mopping and vacuum?

Just the immediate area within reach from the open end of duct.

Specification 23 09 23 Direct Digital Control System for HVAC Part 1 – General/1.1 Descriptions:

A. A complete new stand-alone direct digital control system shall be provided under this project to serve the new equipment and renovated areas of this project. The system shall be a Direct Digital Control system utilizing electric actuation.

Comment: Specification is a performance specification and only list specific criteria not approved manufacturers.

Question: Can you please provide information with regard to specific control systems/manufacture that the existing building and/or campus are currently operating under?

The existing campus and building DDC systems are both Tridium Niagara AX. No new panels are required under this project.

New Smoke detectors under this project shall utilize existing fire alarm shutdown relay wiring in attic.

Existing Panels should have open licenses for access to integrate new air terminal units, etc. If they do not, successful 210 contractor shall coordinate with the COTR to have the existing panel licenses opened.